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PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#17/A  
L. McLaughlin  
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In re the Application of

Roman VITENBERG

Application No.: 09/839,205

Filed: April 23, 2001

Docket No.: 109335

For: COMMUNICATION SYSTEMS CONVEYING VOICE AND DATA SIGNALS OVER  
STANDARD TELEPHONE LINES

PRELIMINARY AMENDMENT

Director of the U.S. Patent and Trademark Office  
Washington, D. C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

IN THE SPECIFICATION:

Page 4, lines 10-15, delete current paragraph and insert therefor:

Briefly stated, a method in accordance with the invention and a communication system based thereon for conveying simultaneously both voice and data signals via a common twisted pair line includes a splitterless ADSL having incorporated therein a discrete multi-tone (DMT) unit. The DMT unit yields a plurality of carriers some of which are assigned to and modulated by digitized voice signals, others being assigned to and being modulated by digital data signals.

Page 4, line 28, delete current paragraph and insert therefor:

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Fig. 1 is a block diagram of a prior art ADSL system of the splitterless type;

Page 6, lines 2-4, delete current paragraph and insert therefor: